

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/018764 A1

- (51) International Patent Classification⁷: **D06L 1/00**
- (21) International Application Number:
PCT/GB2002/003828
- (22) International Filing Date: 20 August 2002 (20.08.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; 20 Manchester Square, London W1U 3AN (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MOTSON, Harold, Russell** [GB/GB]; 10 Grantham Road, Norton, Stockton-on-Tees, Cleveland TS10 1PP (GB). **IRVINE, Derek, John** [GB/GB]; 24 Burnmoor Drive, Eaglescliffe, Stockton-on-Tees, Cleveland, TS16 0HZ (GB). **HUNTLEY, Steven** [GB/GB]; 21 Ings Road, Redcar TS10 2DD (GB).
- (74) Agents: **ROBERTS, Jonathan, Winstanley et al.**; Uniqema Intellectual Property Department, Wilton Centre, Wilton, Redcar TS10 4RF (GB).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR CONDITIONING TEXTILES

(57) **Abstract:** Fatty branched polyalkoxylates, particularly of the formula: $R^1O(AO)_mR^2$ (I) where R^1 is C_8 to C_{30} aliphatic hydrocarbyl or acyl; AO is predominantly branched alkyleneoxy, particularly propyleneoxy; m is from 2 to 50; and R^2 is H or a is C_1 to C_4 aliphatic hydrocarbyl or acyl, are used as fabric conditioners in CO_2 based dry cleaning systems. The cleaning medium may include detergent surfactant and/or non surfactant cleaning additive or may be free from such additives in which case the treatment can be provided in a rinse cycle in a cleaning process.



WO 2004/018764 A1